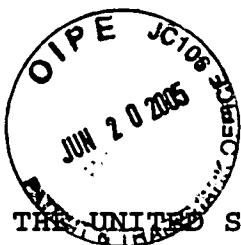


KANEKO.008AUS

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant	:	Naoto Hirota	)	Group Art Unit 2871
Serial No.	:	10/657,470	)	
Filed	:	September 8, 2003	)	
For	:	COLOR ACTIVE MATRIX TYPE	)	
		VERTICALLY ALIGNED MODE	)	
		LIQUID CRYSTAL DISPLAY AND	)	
		DRIVING METHOD THEREOF	)	
Examiner	:	Unknown	)	
			)	

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner  
of Patents and Trademarks  
Washington, D.C. 20231

Dear Sir:

Pursuant to the requirements under 37 C.F.R. § 1.97, enclosed is a form PTO-1449 listing three prior art references that are also enclosed herewith. This information disclosure statement is filed before the first office action on the merits, and thus no fee is required in accordance with 37 C.F.R. § 1.97(b) (3).

This information disclosure statement is also filed under 37 CFR 1.97(e) (1) that each item of information contained in this information disclosure statement was cited in a communication dated May 7, 2005 from the Korean Patent Office in the counterpart Korean application not more than three months prior to the filing of this information disclosure statement (copy of the communication attached).

Serial No. : 10/657,470  
Filed : September 8, 2003

The list in the form PTO-1449 includes Japanese Patent Laid-Open Publication Nos. JP 7-64089 and JP 2001-249350 written in the language other than English. An English abstract of each of these references is attached. The relevancy of this reference to the present invention is described in the Korean Search Report, a copy of which is attached.

Applicant respectfully requests that the listed reference be considered in the substantive examination of this case.

Respectfully submitted,

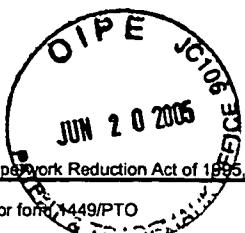
MURAMATSU & ASSOCIATES

Dated: 6/15/05

By: Yasuo Muramatsu

Yasuo Muramatsu  
Registration No. 38,684  
Attorney of Record  
114 Pacifica, Suite 310  
Irvine, CA 92618  
(949) 753-1127

IDS-KN08.003  
061305



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1

of 1

**Complete if Known**

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**Complete if Known**

Application Number	10/657,470
Filing Date	09/08/2003
First Named Inventor	Naoto Hirota
Art Unit	2871
Examiner Name	
Attorney Docket Number	KANEKO.008AUS

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> ~Number <sup>4</sup> ~Kind Code <sup>5</sup> (if known)				
		JP 7-64089	03/10/1995	Sanyo		
		JP 2001-249350	09/14/2001	NEC		

Examiner Signature	/Michael Caley/	Date Considered	03/12/2008
--------------------	-----------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language transcription is attached.

Translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MC/